

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation.
 Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name CIITY	Number THREE	DP Computer Code CIITY3.CIITY	Superseded Number TWO	Dated 6/25/2015	Effective Date 20 AUG 2015
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TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAY 10L: CLIMB HEADING 103.79 TO 520, THEN DIRECT ORYAN, THEN ON TRACK 102.44 TO SAHEY, THEN ON TRACK 101.00 TO CROSS CIITY AT OR ABOVE 5000. THENCE...

TAKEOFF RUNWAY 10R: CLIMB HEADING 103.79 TO 520, THEN DIRECT URRSA, THEN ON TRACK 101.00 TO SAHEY, THEN ON TRACK 101.00 TO CROSS CIITY AT OR ABOVE 5000. THENCE...

TAKEOFF RUNWAY 19L: CLIMB HEADING 193.81 TO 520, THEN LEFT TURN DIRECT TO CROSS CIITY AT OR ABOVE 5000. THENCE...

TAKEOFF RUNWAY 19R: CLIMB HEADING 193.81 TO 520, THEN LEFT TURN DIRECT TO CROSS CIITY AT OR ABOVE 5000. THENCE...

...ON (TRANSITION). MAINTAIN FL190. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
DEDHD	CIITY3.DEDHD	CIITY	BCEEE	TRACK 028.49	17.62	11000	4200	AT/ABOVE 11000
		BCEEE	DEDHD	TRACK 329.99	36.54	FL180		
GRTFL	CIITY3.GRTFL	CIITY	BCEEE	TRACK 028.49	17.62	11000	4200	AT/ABOVE 11000
		BCEEE	GRTFL	TRACK 322.55	39.39	FL180		
MOGEE	CIITY3.MOGEE	CIITY	BCEEE	TRACK 028.49	17.62	11000	4200	AT/ABOVE 11000
		BCEEE	MOGEE	TRACK 020.34	42.65	FL180		
ORRCA	CIITY3.ORRCA	CIITY	BCEEE	TRACK 028.49	17.62	11000	4200	AT/ABOVE 11000
		BCEEE	ORRCA	TRACK 007.50	44.74	FL180		
SYRAH	CIITY3.SYRAH	CIITY	LLVII	TRACK 046.29	20.30	12000	4400	AT/ABOVE 12000
		LLVII	SYRAH	TRACK 047.33	36.55	FL180		
TIPRE	CIITY3.TIPRE	CIITY	BCEEE	TRACK 028.49	17.62	11000	4200	AT/ABOVE 11000
		BCEEE	TIPRE	TRACK 042.02	49.25	FL180		

QUALITY
3
CHECKED

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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS:

RWY 10L/R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.

RWY 19L/R: STANDARD WITH MINIMUM CLIMB OF 575 FT PER NM TO 2000.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 10L, SIGN 62 FT FROM DER, 300 FT LEFT OF CENTERLINE, 4 FT AGL/15 FT MSL. BUILDING AND ROD ON BUILDING BEGINNING 257 FT FROM DER, 560 FT LEFT OF CENTERLINE, UP TO 14 FT AGL/24 FT MSL.

NOTE: RWY 19L, MULTIPLE POLES BEGINNING 548 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/48 FT MSL. MULTIPLE POLES AND SIGNS BEGINNING 652 FT FROM DER, 337 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/38 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS, POLES, TREES, SIGNS, ELECTRICAL SYSTEM BEGINNING 937 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/127 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS, POLES, TREES, SIGNS, ELECTRICAL SYSTEM BEGINNING 887 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/128 FT MSL. MULTIPLE BUILDINGS 3831 FT FROM DER, 1138 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/127 FT MSL. MULTIPLE BUILDINGS AND TREES BEGINNING 3831 FT FROM DER, 74 FT RIGHT OF CENTERLINE UP TO 100 FT AGL/167 FT MSL.

NOTE: RWY 19R, MULTIPLE POLES, TREES, ELECTRICAL SYSTEM BEGINNING 454 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/60 FT MSL. MULTIPLE TRANSMISSION TOWERS, TREES BEGINNING 918 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/96 FT MSL. POLES AND ELECTRICAL SYSTEM 1188 FT FROM DER, 1 FT RIGHT OF CENTERLINE, 44 FT AGL/50 FT MSL. MULTIPLE TRANSMISSION TOWERS, TREES BEGINNING 1617 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/85 FT MSL.

CONTROLLING OBSTACLES:

RWY 19L/R: 719 FT MSL TREE 373502.00N/1222400.00W, 1249 FT MSL AAO 373313.86N/1222414.60W

LOST COMMUNICATIONS PROCEDURES:



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ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KSFO 14E EPOCH YEAR: 2015. **DME/DME ASSESSMENT:** SAT (RNP 2.0)
CHART: TOP ALTITUDE: FL190.
DO NOT CHART MOCAS.

AIRPORTS SERVED:

SAN FRANCISCO INTL

SAN FRANCISCO, CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, NORCAL DEP CON

FIXES AND/OR NAVAIDS:

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REMARKS:

LETTER OF APPROVAL ON FILE FOR CLIMB GRADIENT EXCEEDING 500 FT PER NM FOR RWY 19L AND RWY 19R.
RADAR REQUIRED NOTE CHARTED PER ATC REQUEST.

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, SFO ATCT, NORCAL APP CON, ZOA

CHANGES:

1. REMOVED TURBOJET ONLY RESTRICTION.
2. SAHEY MOVED 0.25NM SOUTH AND CIITY MOVED 0.52NM SOUTH.
3. ORYAN AND ORRCA CHANGED FROM FO TO FB WAYPOINTS.
4. LEG TYPE AFTER ORYAN AND ORRCA CHANGED FROM DF TO TF.

REASONS:

1. ATC REQUEST TO NOT RESTRICT OPERATIONS TO TURBOJET AIRCRAFT ONLY.
- 2-4. ATC REQUEST TO IMPROVE DIVERGENCE AND SEPARATION FROM OTHER DEPARTURE PROCEDURES.



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code		Superseded Number		Dated	Effective Date	
CIITY		THREE	CIITY3.CIITY		TWO		6/25/2015	20 AUG 2015	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW10L (AER)	373743.46N/1222336.21W	N	-	-	-	-			CG 500 FT/NM TO 520
520 MSL		-	-	VA	117.79	-			
ORYAN	373617.72N/1222011.80W	Y	FB	DF	-	-			
SAHEY	373406.42N/1221440.40W	Y	FB	TF	116.44	4.90			
CIITY	373159.22N/1220858.24W	Y	FB	TF	115.00	5.00	AT/ABOVE 5000		
RW10R (AER)	373734.64N/1222335.18W	N	-	-	-	-			CG 500 FT/NM TO 520
520 MSL		-	-	VA	117.79	-			
URRSA	373611.20N/1222016.23W	Y	FB	DF	-	-			
SAHEY	373406.42N/1221440.40W	Y	FB	TF	115.00	4.91			
CIITY	373159.22N/1220858.24W	Y	FB	TF	115.00	5.00	AT/ABOVE 5000		
RW19L (AER)	373738.43N/1222201.60W	N	-	-	-	-			CG 575 FT/NM TO 2000
520 MSL		-	-	VA	207.81	-			LEFT TURN
CIITY	373159.22N/1220858.24W	Y	FB	DF	-	-	AT/ABOVE 5000		
RW19R (AER)	373735.33N/1222214.19W	N	-	-	-	-			CG 575 FT/NM TO 2000
520 MSL		-	-	VA	207.81	-			LEFT TURN
CIITY	373159.22N/1220858.24W	Y	FB	DF	-	-	AT/ABOVE 5000		
CIITY	373159.22N/1220858.24W	Y	-	IF	-	-			CIITY3.DEDHD
BCEEE	374458.74N/1215357.82W	Y	FB	TF	042.49	17.62	AT/ABOVE 11000		
DEDHD	382007.86N/1220646.11W	Y	FB	TF	343.99	36.54			
CIITY	373159.22N/1220858.24W	Y	-	IF	-	-			CIITY3.GRTFL
BCEEE	374458.74N/1215357.82W	Y	FB	TF	042.49	17.62	AT/ABOVE 11000		
GRTFL	382107.81N/1221353.29W	Y	FB	TF	336.55	39.39			
CIITY	373159.22N/1220858.24W	Y	-	IF	-	-			CIITY3.MOGEE
BCEEE	374458.74N/1215357.82W	Y	FB	TF	042.49	17.62	AT/ABOVE 11000		
MOGEE	382010.00N/1212323.00W	Y	FB	TF	034.34	42.65			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
CIITY	373159.22N/1220858.24W	Y	-	IF	-	-			CIITY3.ORRCA	
BCEEE	374458.74N/1215357.82W	Y	FB	TF	042.49	17.62	AT/ABOVE 11000			
ORRCA	382637.17N/1213305.84W	Y	FB	TF	021.50	44.74				
CIITY	373159.22N/1220858.24W	Y	-	IF	-	-			CIITY3.SYRAH	
LLVII	374201.55N/1214644.99W	Y	FB	TF	060.29	20.30	AT/ABOVE 12000			
SYRAH	375927.78N/1210611.12W	Y	FB	TF	061.33	36.55				
CIITY	373159.22N/1220858.24W	Y	-	IF	-	-			CIITY3.TIPRE	
BCEEE	374458.74N/1215357.82W	Y	FB	TF	042.49	17.62	AT/ABOVE 11000			
TIPRE	381221.00N/1210209.00W	Y	FB	TF	056.02	49.25				

